



THE RARA RAG

Newsletter of The Rochester Amateur Radio Association, Inc.
Founded in 1931

APRIL 2023
VOLUME 77, ISSUE 8

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APRIL MEETING: OLD TIMERS NIGHT AND NEWS FROM THE AWA

TIM BARRETT, K9VB, RA RA VICE PRESIDENT

Traditionally our April meeting is known as Old Timers' Night and as we like to take a group picture of our past presidents at this meeting, if that includes you please come along!

Our speaker will be Lynn Bisha, W2BSN. Lynn is one of those people who amateur radio would be much the poorer without his contributions. He is on the board of both the AWA and RDXA and the curator of the wonderful AWA Museum. He has also found time to achieve 239 confirmed DX entities! Lynn is going to give us a news update from the museum, particularly progress on the new Amateur Radio station so that should make for an interesting evening!

Please join us on April 5th 2023, 7:00PM at the Boy Scouts Headquarters at 2320 Brighton Henrietta Townline Road, Rochester, New York 14623 or online by registering at <https://attendee.gotowebinar.com/register/843441297068833111>



RA RA



K2JD

N2EH

W2EOC

BOARDZ BUZZ

MIKE MOORE, KC2NM, TREASURER

For April, it is my privilege to write the board buzz article. This is Mike Moore, KC2NM and I serve as your RARA Treasurer and Public Service Coordinator. Since this is my third year as treasurer and because that position is term limited to 3 years, I have been thinking about what role I might seek as my term as treasurer comes to a close. This consideration has led me to think about club involvement in general and I want to use this board buzz article to increase involvement of the membership.

As hams, many of our relationships are carried on over the radio. In addition we have an online community that includes the RARA Rag, RARA Website, Facebook Page, Groups.io messaging, and in-person at the monthly meetings, social, educational events, and hamfest. There are also numerous radio nets and organizations at the state, national levels, and worldwide that make it easy for us to communicate. Ham Radio is a hobby that naturally calls us to greater participation and engagement.

Because our hobby is based on the spoken word (or CW), the marketing of ideas is carried out by "word of mouth". This makes the gathering of feedback from our members and community convenient. Ideas about club activities are welcomed by the officers and directors especially when they are brought by someone that is willing to work on the activities. Some ideas that might make it easy for you to become involved:

1. At the end of each RARA Rag there is a section titled "RARA Officers, Directors and Coordinators". This also contains a list of Activity Coordinators. Consider looking through these lists and finding an activity that you find interesting and contact the coordinator to ask how you may become involved.
2. The RARA Calendar found in the RARA Rag and on the website has a list of upcoming events. If you find an event interesting but the date is too close to get involved this year, it is likely that it will happen again next year, so you can look into that.
3. Attending the monthly meetings will afford you to meet club members in-person, learn about upcoming events, and speak with event coordinators to learn more.

Each of us pursues the hobby differently. Think about where your interests lie and consider developing a technical presentation for a club meeting or writing an article for the RARA Rag.

Our club has a long history that is well documented in the RARA Rag. In addition, the club has procedures and instructions that detail the set-up and operation of club activities. Don't think that becoming involved will mean starting from scratch. There is a lot of help available.

Our club tries its best to operate with transparency in all aspects of the club. The purpose of the annual September meeting is to report on the activities of the

past year, elect a new slate of officers, and review the financial state of the club. A quorum must be satisfied for the business of that meeting to be conducted. Please make plans to attend that meeting in particular. There are incentives to club participation beyond the satisfaction derived from greater participation in Ham Radio. Our club records service hours or "Club Points" that may be used to pay for membership in the club, activity costs, or equipment purchases that advance the hobby.

Your board of directors is very focused on providing a good club program that keeps our current members satisfied. This effort can only be strengthened with a supply of new ideas and members to implement them. Witness to this is the size of our club and the length of our history. Please consider how you can contribute to the continued growth of our club!

CALENDAR OF EVENTS

WEDNESDAY APRIL 5, 2023 - RARA Meeting In Person and On-Line
7:00 PM - AT THIS LINK

<https://attendee.gotowebinar.com/register/843441297068833111>

THURSDAY APRIL 6, 2023 - RARA Board of Directors Meeting
6:30 PM - ONLINE

Email request for link to secretary@rochesterham.org

Saturday April 15, 2023—RARA Spring POTA Event
11:00 AM- AT ROBERTS CABIN, VETERANS MEMORIAL
PARK, TOWN OF HENRIETTA
For more information contact makennerknecht@gmail.com

RARA MEMBERSHIP NEWS

TIM BARRETT, K9VB, RARA VICE PRESIDENT AND MEMBERSHIP SECRETARY

Our club has a very healthy membership, standing at 584 members on September 30th, the end of our membership year. Thanks to all of those who have already renewed but there are still a number of lapsed members, currently our membership stands at 506 so if you haven't done so yet, please renew your membership here.

There are many membership benefits, here are just some of them:

- Only members can attend the RARA Annual Auction
- Free admission to the RARA Hamfest
- Access to license classes and discounts for license manuals
- Annual events such as the Picnic and Winterfest
- Membership points for contributing to club events
- Supporting an Organization that hopefully you value!



Being a member is also important, as your dues and a healthy membership count contribute to many RARA activities such as Rag subscription, monthly meetings, RARA Academy sessions Elmer's Corner, groups.io mailing list, Facebook page, etc. Attracting good speakers is greatly helped when we can point to the size of our club, one of the largest ARRL affiliated clubs by the way. So, if you are not currently a member or have lapsed, please consider changing that!

I'd also like to give a warm welcome to the following people who have joined the club in the last month:

Aristotle Aung
Dana Boothe, W2IC
Pamela Boothe, K2PAM
Jay Burke
Connie Converse
Charles Endter, KD9CYH
Michael Mastrodonato
Nicole McCoy
John Sirianno
Laura Sirianno
Margaret Sirianno

If you see any of our new members at a RARA meeting or other event make sure to introduce yourself and welcome them to the club!

Silent Key

Frederick S. Bancroft
WA1VDV
February 24, 2023



EDUCATION

Karl Heinz Kremer, K5KHK, Education Coordinator

RARA LICENSE COURSES

Karl Heinz Kremer, K5KHK, License Class Coordinator

License Classes

All our license classes have started and are on track for our students to test in March. We are not planning any classes during spring and summer, and will be back in September. As always, if you are interested in any of our classes, please send an email to education@rochesterham.org.

License Manuals

The current editions of the Technician and Amateur Extra license manuals are available to our members at a discount for \$25. For this discount, we unfortunately cannot deliver, and you would have to pick up the manual. The General license manual will get renewed in the summer and we are not stocking any of those until the new edition comes in. If you are interested, please send an email to education@rochesterham.org

RARA ACADEMY

We are still looking for input in what our next Academy session should cover. To make it easy for our members to provide such input, we created an online survey. Please go to <http://tiny.cc/RaRaAcademySurvey2022> and fill out the survey.

If this short link should not work, you can also use this link: https://docs.google.com/forms/d/e/1FAIpQLSfe_RvJyAfc2BidWxePLvK1r_CjQosS1PV0Ua6m2zETiyPa-w/viewform

Operating Event for New(ish) Hams

Just like the last two years, we are again offering an operating event for new (ish) hams on May 13th at Black Creek Park in Chili. This is mainly for actually new hams, or new upgrades, but if you have not worked a certain mode, or practiced a certain skill yet, and have been a ham for a long time, we would still like to extend this invitation. Please register by sending an email to education@rochesterham.org, if you want, please add a short list of things you would like to learn. If you would like to participate as an Elmer, please also get in touch with me and let me know what you would like to present or teach.

RARA ELMERS' CORNER

Suzanne Bishopp, W2SUZ
Rich Bishopp, KD2UBJ
Elmers' Corner Coordinators

The Last Elmers' Corner was full of HamHappiness. We had real-time trouble shooting for FT8, and talked about the effects that snow and ice have on our antennas. Our next Elmers' Corner will be April 1st, but if you can't make it, we do record each session which I will share the recording upon request.

Zoom is easy and available for everyone. Grab a cup of coffee (or whatever you like to drink) and join us. We talk about everything and anything radio related. Bring your questions, your tips and tricks, or just come and join in the conversation.

The Elmers' Corner happens the 1st Saturday of every month, September – May, 10am-12pm. But if you have a question or need help before then, just let us know. Reach out to us at any time at elmerscorner@rochesterham.org, we will do our best to find the right Elmer to answer your question.

ELMERS' CORNER

1st Saturday of the month

April 1st, 10AM – 12PM

Join Zoom Meeting

<https://us02web.zoom.us/j/83484674667?pwd=MG5DZXd6SFovN3lXa0NNTzM5UnBLUT09>

Meeting ID: 834 8467 4667

Passcode: 786545

One tap mobile

+16465588656,,83484674667#,,,,*786545# US
(New York)

+13126266799,,83484674667#,,,,*786545# US
(Chicago)

Dial by your location

+1 646 558 8656 US (New York)

+1 312 626 6799 US (Chicago)

+1 301 715 8592 US (Washington DC)
 +1 253 215 8782 US (Tacoma)
 +1 346 248 7799 US (Houston)
 +1 669 900 9128 US (San Jose)

Find your local
 number: <https://us02web.zoom.us/j/kiOoVkcMy>

MORSE CODE TRAINING

DAVE WILSON, WA2HOY, RXCWG COORDINATOR

The RXCW Group assists Hams wanting to learn Morse Code or to develop their CW skills.

BEGINNERS MORSE CODE ZOOM CLASSES

Peter Fournia, W2SKY, hosts Morse Code classes on Thursday evenings 7pm. No experience required.

Join the group at any session.

Register at: pfournia@gmail.com

MORSE PRACTICE FOR ALL LEVELS ON ZOOM

Tim Brown, WB2PAY, hosts code practice for all levels on Thursday evenings at 7:30pm.

Register at: tjbrown@rochester.rr.com

Those wanting to start into CW QSOs and Morse Code can schedule coaching sessions on Zoom. Contact Peter Fournia, W2SKY for further details.

W1AW - <http://www.arrl.org/w1aw-operating-schedule>

W1AW On The Air CW Practice

Time	Mon	Tue	Wed	Thu	Fri
9 AM		Fast	Slow	Fast	Slow
4 PM	Fast	Slow	Fast	Slow	Fast
7 PM	Slow	Fast	Slow	Fast	Slow
10 PM	Fast	Slow	Fast	Slow	Fast

SLOW - 5, 7 1/2, 10, 13 and 15 wpm

FAST - 35, 30, 25, 20, 15, 13 and 10 wpm

FREQ(MHz) - 1.8025, 3.5815, 7.0475, 14.0475, 18.0975, 21.0675, 28.0675, 50.350, 147.555

RADIO ELMERS

Name	Call	Area	Email
Tim Brown	WB2PAY	Ogden	tjbrown@rochester.rr.com
Dave Carlson	N2OA	Batavia	kdcarlso@gmail.com
Lawrence Hill	N2AJX	Henrietta	lawrence.hill@rit.edu
Rich Hoffarth	K2AXP		rhoffarth2000@yahoo.com
Bill Kasperkoski	WB2SXY	Pittsford	wb2sxy@gmail.com
Don Kiser	AC2EV	N Greece	dkiser100@gmail.com
Karl Heinz Kremer	K5KHK	Chili	k5khk@khk.net
Tim Magee	WB2KAO	Greece	585-704-5747
Mike Moore	KC2NM		mikemoore@ieee.org
Peter Schuch	WB2UAQ	Perinton	pschuch@rochester.rr.com
Forest Shick	WA2MZG	Webster	fshick3@gmail.com
Dave Timmons	W2DST	N Greece	dstimmons@gmail.com
Steve Verzulli	KA1CNF		verzulli@yahoo.com
Dan Waterstraat	W2DEW	Henrietta	higreen@rochester.rr.com

CW ELMERS

Name	Call	Area	Email
Ned Asam	W2NED	Pittsford	w2ned@frontiernet.net
Tim Brown	WB2PAY	Ogden	tjbrown@rochester.rr.com
Pete Fournia	W2SKY	Penfield	pfournia@gmail.com
Bill Hopkins	AA2YV	Brighton	whopkin4@naz.edu
Bob Karz	K2OID	Webster	rkarz@rochester.rr.com
Joe Rowe	AG2Y	Webster	ag2y@rochester.rr.com
Harry Williams	KF2TV	Kingsland, GA	harryw7872@gmail.com

APRIL RAFFLE PRIZES

- Raspberry Pi Explained (book)
- Test Jumpers
- ARRL World Map
- Super 88 Electrical Tape

Coming in May

- Repeater Directory

Ham Quips



Reprinted Courtesy April 1946 QST

PUBLIC SERVICE REPORT

MIKE MOORE, KC2NM, PUBLIC SERVICE COORDINATOR

As we approach the public service season, it is a good time to get our equipment ready for our participation in public service events. Most of our events are best handled with a mobile radio but there are some for which a handheld radio will work. Now is a good time to get those radio installations up to snuff and learn how to program the frequencies, transmit offsets, and CTSS tones either using programming software or from the radio front panel. What I have found most helpful is to use memory banks or zones of memories to group the frequencies to be used in one place for an event.

I would be willing to bet that I am not unlike most hams and spend a lot of time on youtube trying to learn new operating methods for ham radio. I follow Jason's KM4ACK project channel. Following his recommendations, I have assembled a go bag for my handheld. An image of the go bag is shown following:



On the right is shown the Super-elastic Signal Stick: BNC from Signal Stuff next to a BNC mag mount. The plastic bag contains adapters to adapt the antenna connector to BNC. This allows the Signal Stick to be used on the hand held directly or mounted on the car roof. The bag holds a spare battery, charger, and speaker mic for the radio. I also carry a cell phone charger in the bag. The Maxpedition carry bag is available in many sizes from Amazon and comes with a velcro name tag receiver. I bought the embroidered velcro name tag from Etsy. The advantage of having a bag like this is that it keeps everything in one place and ready to go.

A project that I have under construction is a portable dual band station built into a Harbor Freight case. It is shown following:



The case will hold a Bioenno 12V 9Ah battery, 10 Watt dual band radio, external speaker, and antenna connector for connection to a mast mounted vehicle antenna.

This past month Jim, W2COP requested that we add the International Lighthouse Lightship Weekend to our public service calendar and he will serve as team captain of that event. That is a great event and will add a lot to our summer operating fun!

Upcoming events in the public service calendar are listed in the table on the next page. Please consider signing up for one of our public service events. Visit https://rochesterham.org/public_service.htm for more information and to volunteer.

Upcoming Events:

Event	Location	Day	Date
Tour de Cure	Xerox Campus Webster	Saturday	June 10, 2023
MS Roc the Ride Great Lakes Adventure	Lakeside Beach State Park	Saturday	August 12, 2023
ILLW	Charlotte-Genesee Lighthouse	Saturday	August 19, 2023
Fairport Lift Bridge Regatta	Erie Canal – Fairport, NY	Saturday	Sept. 23, 2023
JOTA / Ham Radio Demonstration - CTC	Camp Cutler, Naples, NY	Saturday	Oct. 21, 2023
Pumpkin Patrol	Overpasses of the New York State Thruway	Monday and Tuesday	Oct. 30-31, 2023

MARCH 2023 MEETING: SOLAR CYCLE 25 AND RADIO PROPAGATION

TIM BARRETT, K9VB, RARA VICE PRESIDENT AND MEMBERSHIP SECRETARY

The sky put on an interesting display at the start of our meeting with a conjunction of Venus and Jupiter. That had many of us outside looking at the spectacle of two bright planets very close in the western sky. But back inside the meeting was well attended with over thirty in the meeting room plus around 70 attendees online.



We continued with our 2023 theme of a short mini-presentation during the first part of the meeting. This month Forest Shick WA2MZG gave a personal view of homebrewing from solderless breadboarding to professional looking printed circuit boards that fit into bespoke 3D printed cases. But his main point is how you can use software and readily available tools to take a middle way and experiment.

Our main presentation was from Brian O'Connor KA2CGB, Brian is a board member and past Treasurer and VP of the club and always busy with some ham related activity or other. His topic at the March meeting was 'What to Expect When You Are Expecting ... Solar Cycle 25' Brian took us through a fascinating history of sunspot spotting up to the present day. He showed several of the sources that are available to us to monitor sunspots and their affects on radio propagation and explained how to read these sources. If you were inspired by his talk to monitor solar activity more closely then some sites that Brian mentioned for current conditions were <https://prop.kc2g.com/>, <https://www.spaceweather.com/> and for predictions <https://www.swpc.noaa.gov>.

RARA APPAREL AND MERCHANDISE

TIM BARRETT, K9VB RARA VICE PRESIDENT

Would you like to have the RARA logo on a tee shirt, baseball cap or jacket? Would like your morning coffee to come from a RARA mug? Many of our members have asked if we could find away to provide merchandise with the RARA logo and we are looking at ways to do this.



We are still working out the details and have a provisional list of retailers who we might work with. One member of the club has volunteered to be part of a RARA Merchandising Team and we are looking for a second person to help with this activity. Could that be you? We do not expect it to require much time and as this is a new project the volunteers would be able to have a role in deciding what is appropriate.

If you think you could help or would like more information please contact me at vicepresident@rochesterham.org. Suggestions or questions also welcome.

RArA SPRING POTA EVENT

MIKE KENNERKNECHT, N2MAK

Parks on the Air (POTA) is one of the fastest growing activities in amateur radio. Whether your new to POTA and amateur radio or already an experience activator or hunter, here's your chance to get together with other hams to learn about POTA—and most importantly, get out there, get on the air and get a park activated!

Join us on Saturday, April 15 at the Roberts Cabin in Henrietta's Veterans Memorial Park, located at 595 Calkins Road, Rochester, NY 14623. If you would like to help with setup, meet us there at 10:30 a.m. We'll plan to get going around 11:00 a.m.

Inside, the cabin has restrooms and a full kitchen, so feel free to bring your own lunch or a dish to share with others. As usual, we will have door prizes and RArA will provide soft drinks and all the cups, plates, napkins and silverware needed.

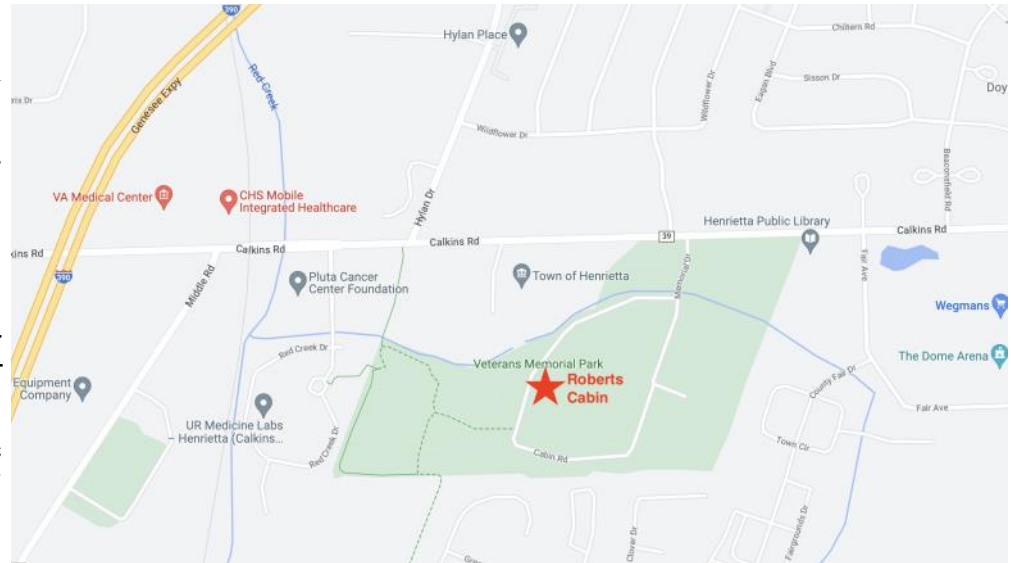
The Roberts Cabin has a covered patio, so we'll be able to operate from picnic tables with cover from the sun or rain. There are plenty of trees and space for antennas to go up too.

RArA will have club radios and antennas, but please feel free to bring your own equipment. This is a great opportunity to share and check out each other's gear, and maybe even learn a few tips and tricks.

Topics we plan to cover include: rules for activating a park, modes of operation (voice, CW, FT8); logging contacts; setting up a portable station (masts, throw-line, mag mounts), finding/reading park maps, and more! Plus, this event occurs during the POTA Support Your Parks Spring Event, so anybody who activates the park with us and submits their log will get a special award certificate from POTA.

If you are not signed up for POTA yet, please go to their website at www.parksontheair.com and click "Help/Getting Started" at the top of the page. This is required for you to submit your logs and the process is quick and easy.

We hope to see you out there. POTA on!



RAGS OF THE PAST

ED GABLE, K2MP, RARA HISTORIAN

20 Years Ago, April 2003

Our lead off writer for this issue was Peter Fournia W2SKY, who at this time held the title of RaRa's Web Page Administrator but here took an additional roll of introducing this months program. Peter told us that our presenter for the evening would be Becky McCorry who was the Director of Emergency Social Services at the Greater Rochester Chapter of the American Red Cross. Her two part talk covered emergency preparations for you and your family followed by her introducing Monroe County's emergency shelter system. Programs at this time were held in the Henrietta Fire Hall and used an 8:00 p.m. start time. A much awaited announcement was thoroughly presented by one who knew the subject better than anyone; Harold Smith (sk) K2HC, General Chairman of the Rochester Hamfest and this year combined with the ARRL Atlantic Division Convention. Smitty, as he liked to be called, explained the three day event, Friday through Sunday, May 30-31 and June 1, would again be held at the Monroe County Fairgrounds and the Dome Arena, while the Hamfest headquarters will be the Holiday Inn Rochester South. Details on programming, contests and the huge flea market plans will be covered in future issues of the Rag as well as a new dedicated website, rochesterhamfest.org. One of RaRa's high priority activities, Public Service events, was shared with the writings of Keith Freeberg (sk) N2BEL. He told of three planned events as the Ontario Shore Marathon, The Tour De Cure and America's Walk for Diabetes. We heard from Dick Goslee (sk) K2VCZ, writing on behalf of the RaRa Memorial Scholarship program. Dick pointed out that nominations for the annual scholarships, from members like you, were due in just weeks from the time of writing. Dick Goslee also received personal recognition in Marykay Vesco's, KC2DPG, "The Prez Sez..." column, where she thanked Dick for his single-handed effort in producing and distributing this year's *RaRa Directory*. Another fun Ham Radio event was reported on by Jon Dickason N2JAC, where he reported that the local Rochester Radio Coaches program gathered participants for the recently completed ARRL School Club Roundup on-air QSO happening where school sponsored clubs contacted as many like clubs as possible. Local volunteers were Jon N2JAC, Peter W2SKY, Gary K2OU, Jim WB2YJH, Allan KX2H and Wynona N2UEE. A highlight of the event was an Echolink QSO with Chai, HS1NGR, in Thailand, who spoke for two hours with the young participants. With regret it was reported that Marion Gessin KB2KJV, wife of the very active Len Gessin (sk) WA2ZNC, was reported a Silent Key. From the Want Ads you could buy a complete high power HF station, the ICOM IC-761 Xcvt and IC-2KL Amplifier from Len Gessin WA2ZNC. Marykay Vesco (KC2DPG), an Independent Insurance Broker, remained a long time advertiser.



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American Red Cross and Emergency Preparations,

Peter Fournia W2SKY

Our speaker at the April 4th RaRa meeting is the American Red Cross professional who manages Red Cross Shelters in our area. She is Becky McCorry, Director of Emergency Social Services at the Greater Rochester Chapter of the American Red Cross.

Be prepared! This is more than a Boy Scout slogan. It is a rule that most successful people follow. The staff at the American Red Cross is prepared and they help others prepare for life threatening events caused by nature or man. At times we may be caught in events that are beyond our control. We may need assistance. The American Red Cross helps us with this. They prepare us to avoid risks during hazardous events and they assist us when events become overwhelming.

Becky will cover both aspects in her presentation. She will first cover emergency preparations for you and your family. For which emergency you may ask? Well, Becky will cover many events from ice storms to weapons of mass destruction. The threats of nuclear and biological contamination are greater than in past years. You will find Becky's information very timely.

CONTINUED PAGE 3

Rochester Hamfest May 30-31, June 1,

Harold Smith, K2HC, General Chair

The 69th annual Rochester Hamfest combined with the Atlantic Division Convention will be held at the Monroe County Fairgrounds on Friday, Saturday and Sunday, May 30-31 and June 1.

Rochester area amateurs are fortunate to have one of the largest hamfests in the nation in their own back yard. There are only a handful of events such as we have. While there are "hamfests" scheduled almost every weekend, most are simply flea markets.

At Rochester, in addition to a huge flea market, we also have national commercial exhibitors, programs and seminars, amateur testing, an awards banquet, and many other special events.

Plan now to attend a terrific weekend of amateur radio events put together to meet your needs. For your out of town friends, tell them we have a special negotiated rate of only \$69 for hotel rooms at hamfest headquarters, the Holiday Inn Rochester South.

Additional details about the event are at your disposal on the web site: www.rochesterhamfest.org. The information contained on that site is updated daily.

Tickets are available by mail order using an order blank that was part of the Hamfest Times. There is also a ticket order blank on the web site. Best of all, tickets will be for sale at the April 4th club meeting.

School Club Roundup,

Jon E. Dickason, N2JAC

Every year in February, the Rochester Radio Coaches participate in the annual School Club Roundup, (SCR), and an event

CONTINUED PAGE 3

RaRa MEETING

APRIL 4, 2003
8:00 PM
HENRIETTA FIRE HALL
3129 E. HENRIETTA RD.
American Red Cross
And Emergency Preparations
PRESENTED BY
Becky McCorry

RaRa RAG 1

40 Years Ago, April 1983

The meeting for April was as popular as you could make it and all you needed was to mention a name and the hall was standing room only. Who, you ask? The ever-popular Mr. Bruce Kelley (sk) W2ICE, presenting his signature event; *RaRa Old Timers Night* where tales of the early days of ham radio were shared and enjoyed by young and old alike. In those pre-PowerPoint days Bruce's presentations were modern for the era including dual 35mm projectors with dissolve fading between slides and old monaural audio recordings converted to stereo with good amps and speakers. Pretty uptown for the day but all with the help of the Kodak Camera Club. These OT nights also had a special flavor when it came to the door prize. Yep, only one prize those nights, a nice comfy adjustable office chair for your ham shack. President Ed Holdsworth (sk) N2EH, penned an article describing RaRa's amazingly busy summertime public service calendar with already ten events scheduled. The Rochester VHF group, at this time, rallied all Rochester area hams to help the Group with their annual quest to make a good showing nationally in the ARRL VHF Contest held each January. In those days everyone, even dyed in the wool 75M AM rag chewers, had 6M AM rigs for local chit-chat on 50.4 Mcs. Six meter AM was like Two meter FM is today. It was those folks, who turned on their little Heathkit "Sixers" one day a year and gave QSO points to the VHF Groupers, who helped make the Rochester VHF Group known throughout the land for their very capable operators. Bill Gilette WB2KIW, told the results of the just completed contest for that year as 1st place single op Floyd WA2WVL, 2nd place Chuck K2YCO and 3rd Klaus DL7KX/W2. The big Multi-Op station was Jack K2JFV with Ops Harry WA2KGM and Wayne N2WK. This was a busy period for our big boss, the FCC, as they were actively reorganizing Part 97 of the Rules and Regulations governing Amateur Radio. To that end, the FCC announced two proposed rule changes that were to greatly impact the future of ham radio. Drum roll please... and they were Docket 83-23 calling for eliminating the Morse Code requirement for licensing and the second, Docket 23-27 that would allow for volunteer licensing exam testing. These proposals were very controversial and three full pages were devoted to the proposals as were instructions to members on how to send their comments, in the correct format, to the FCC. Yea, those were big, affecting probably the greater majority of those reading this today. The RRRA (Rochester Radio Repeater Association) reported on their last monthly meeting where we learned that John Lloyd KA2KFV, presented a program on Radio Remote Control. The newly elected Director of the ARRL Atlantic Division, Hugh Turnbull W3ABC, selected this venue, the RaRa Rag, to announce his newly selected Atlantic Division Assistant Directors as Ed Gable K2MP and Harold Smith K2HC. Fred Gern KB2SE, an active local DX'er and all 'round good guy to all, wrote for the RDXA (Rochester DX Association) telling that a video of the recently completed DXpedition to Campbell Island was shown at their last meeting, followed immediately by Jeff Ach W2HPF (W2FU), who told of their plans for a class 2A Field Day effort. With regret it was reported that S.J. Macy W2RTX, Pat Sacco K2LLP, Warren Spindler K2IXN and James Forzono K2CXO, were Silent Keys. From the Want Ads you could sell your home to an eager buyer, Frank N2DKI, who advertised wanting to buy a ham shack with an attached living quarters. A new commercial advertiser was DX Communications of West Seneca selling new and used gear.

The RaRa Rag

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Do You Know
THE IMPLICATIONS
OF THESE PROPOSALS?

Advantages?
Frequency?
International Laws?
Privileges?
Who Pays?
Who Suffers?
Test Methods?

Safe Guards?

NO CODE
LICENSE
83-28

VOLUNTEER
EXAM
PROGRAM
83-27

FCC

YOU SHOULD RESPOND!
(READ HOW INSIDE)

ARRL

NON-MEMBERS ARRL MEMBERS UNLICENSED

FCC Dead line for
filing comments is
April 29, 1983.
Replies by May 31, '83.

W3JBR
VIA AUTO-CALL

— — INSIDE THIS ISSUE — —

OLD TIMER'S NITE - APRIL 8th	VHF CONTEST RESULTS
FARM AND HOME CENTER	COP'S CORNER
LAST CHANCE ON FCC DOCKETS	FLEA-MARKET LAW PROPOSALS

RaRa CALENDAR

TIM BARRETT, K9VB, MEMBERSHIP SECRETARY

April 2023						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 ROC City Net 28.405 MHz, 9p MS, MO, LA QSO Parties PODXS 070 Club PSK31 Ctest Florida State Parks on the Air SP DX Contest EA RTTY Contest RSGB FT4 Activity Day
2 MO QSO Party Florida State Parks on the Air EA RTTY Contest K1USN Slow Speed Test	3 AWA Net 145.110 MHz, 7pm VHF Group 9pm 144.260 SSB ICWC Medium Speed Test OK1WC Memorial WW Sideband Activity Contest ARS Spartan Sprint RSGB 80M Club Contest , CW	4 ZL Sprint Phone Weekly Test	5 RaRa Monthly Mtg BSA & ONLINE 7pm ROC City Net ~3.830 MHz, 7p A1 Club AWT, CWOps Test VHF/UHF FT8 Activity Contest Mini Test 40, 80 Walk for the Bacon Contest UKEICC 80m Contest	6 RARA BoD Mtg 6:30pm ARES Net 146.610 MHz, 7pm VHF Group 9pm 50.205 USB SARL 80m QSO Party NRAU 10m Activity Contest NCCC Sprints SKCC Sprints Europe	7 K1USN Slow Speed Test QRP ARCI Spring QSO Party	8 ROC City Net 28.405 MHz, 9p DIG QSO Party, CW IG-RY Worldwide RTTY Contest SKCC Sprintathon NM & GA QSO Parties Yuri Gagarin DX Contest OK/OM DX Contest SSB
9 DIG QSO Party, CW IG-RY Worldwide RTTY Contest SKCC Sprintathon GA QSO Party Yuri Gagarin DX Contest WAB 3.5/7/14 MHz Data Modes OK/OM DX Contest SSB Hungarian Straightj key Contest	10 AWA Net 145.110 MHz, 7pm VHF Group 9pm 144.260 SSB ICWC Medium Speed Test OK1WC Memorial WW Sideband Activity Contest 144 MHz Sprint	11 ZL Sprint Phone Weekly Test NAQCC CW Sprint	12 ROC City Net ~3.830 MHz, 7p A1 Club AWT CWOps Test VHF/UHF FT8 Activity Contest Mini Test 40, 80	13 ARES Net 146.610 MHz, 7pm VHF Group 9pm 50.205 USB NCCC Sprints EACW Meeting	14 K1USN Slow Speed Test Holyland DX Contest	15 ROC City Net 28.405 MHz, 9p Holyland DX Contest Worked All China Contest YU DX Contest CQMM DX Contest ND, ON, NE MI QSO Parties EA-QRP CW Contest Texas State Parks OTA
16 ARRL Rookie Roundup Worked All China Contest YU DX Contest CQMM DX Contest ND, ON, NE MI QU QSO Parties EA-QRP CW Contest Texas State Parks OTA	17 AWA Net 145.110 MHz, 7pm VHF Group 9pm 144.260 SSB ICWC Medium Speed Test OK1WC Memorial WW Sideband Activity Contest	18 World Amateur Radio Day ZL Sprint Phone Weekly Test 222 MHz Spring Sprint	19 ROC City Net ~3.830 MHz, 7p A1 Club AWT CWOps Test VHF/UHF FT8 Activity Contest Mini Test 40, 80 Walk for the Bacon Contest RSGB 80M Club Contest , SSB	20 ARES Net 146.610 MHz, 7pm VHF Group 9pm 50.205 USB NCCC Sprints NTC QSO Party	21 K1USN Slow Speed Test	22 RARA Testing at RIT 10am Drumlins Hamfest ROC City Net 28.405 MHz, 9p SP DX RTTY Contest QRP to the Field
23 SP DX RTTY Contest NA SSB Sprint Contest BARTG Sprint 75 UA1DZ Memorial Cup RSGB FT4 Contest	24 AWA Net 145.110 MHz, 7pm VHF Group 9pm 144.260 SSB ICWC Medium Speed Test OK1WC Memorial WW Sideband Activity Contest QCX Challenge ANZAC Day Contest	25 ZL Sprint Phone Weekly Test SKCC Sprint	26 ROC City Net ~3.830 MHz, 7p A1 Club AWT CWOps Test UKEICC 80m Contest Mini Test 40, 80 432 MHz Spring Sprint	27 ARES Net 146.610 MHz, 7pm VHF Group 9pm 50.205 USB NCCC Sprints RSGB 80M Club Contest , Data	28 K1USN Slow Speed Test	29 ROC City Net 28.405 MHz, 9p Helvetia Contest 10-10 Spring Contest, Digital UK/EI DX Contest CW FL QSO Party
30 Helvetia Contest 10-10 Spring Contest, Digital UK/EI DX Contest CW FL QSO Party						

VE TEAM

Testing takes place on the 3rd Saturday September - April

Dates for 2023: 3/18, 4/15

Testing Location

RIT

Rochester Institute of Technology

Building 16 -Schmitt Interfaith Center

43.08402626755475, -77.6734520379509

- Easiest path is from Parking Lot D it can be accessed from West Jefferson Rd via Andrews Memorial Dr or Lowenthal Rd
- From parking lot D walk south up the ramp to the Schmitt Interfaith Center.
- Once inside there is an elevator over to your left or stairs in front of you. Go to the first floor and you will find the Skalny room.

Please Note: this room cannot be accessed from the door under the bridge.

Pre-registration is required visit:

<https://hamstudy.org/sessions/14612/inperson> to find the latest session.

More information is available on the RARA website:

https://rochesterham.org/license_testing.htm

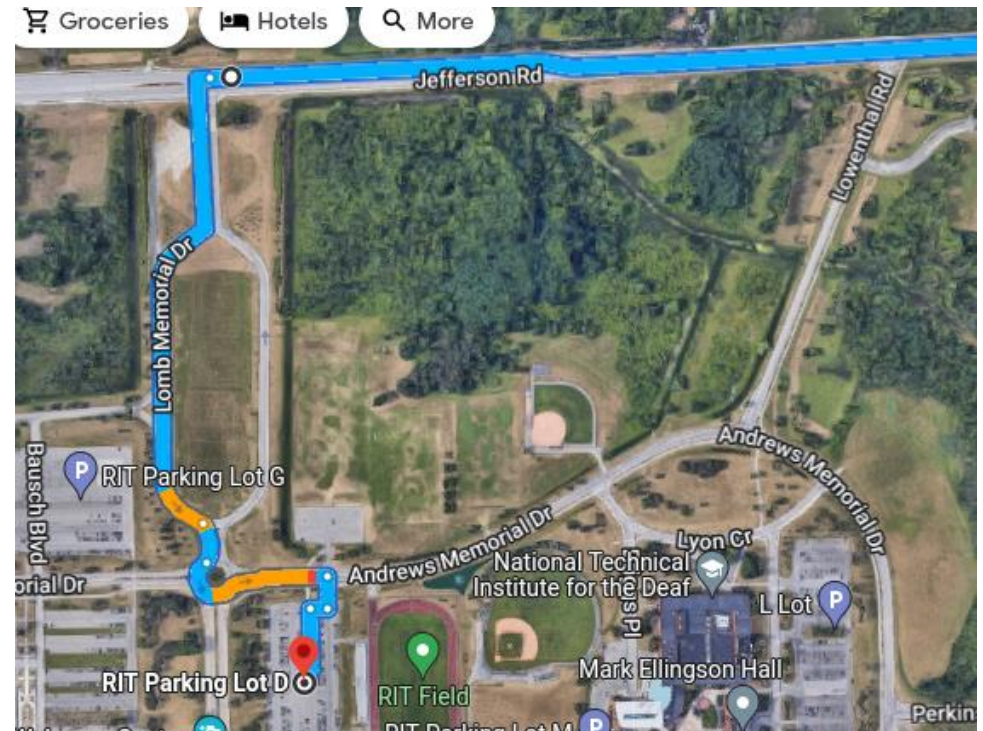
Applicants must supply their own pen, pencil, calculator

Testing begins at 10:00AM.

Also Note: The exam is free however the FCC now charges \$35 for applications. This fee is NOT paid to the VE team. It is paid directly to the FCC. You will receive an email from the FCC when your application is processed. We will also have an information sheet available

Jonathan D DiGiacomandrea	KD2LWL	G
Richard C Dupont	KD2RWD	E
Alanna S Flowers	KE2AIY	G
Magdalena G Flowers	KE2AIZ	G
Theodora E Flowers	KE2AJA	G
Jaime E Garcia	KE2AXO	G
Gary L Lorraine	KD2PAF	E

New licensees' names are in **BOLD**



NEWS FROM AREA CLUBS

MONROE COUNTY ARES / RACES News

Monroe County Amateur Radio Emergency Service (ARES)® is an amateur radio public service organization based in Monroe County, New York, and is open to all licensed amateur radio operators. Monroe County Radio Amateur Civil Emergency Service (RACES) is a program of the Monroe County Office of Emergency Management. We participate in training and emergency exercises so that we can serve other agencies during times of communication failure.



The Monroe County Amateur Radio Emergency Service, Inc. holds its meetings on the fourth Thursday of each month except in July, August, November and December. The meeting in November is on the third Thursday to avoid interfering with Thanksgiving. Anyone interested, members and non-members, are welcome to attend. The meetings are in person at the county EOC at 6:00 PM and are also available via Zoom. Please check our website for any schedule changes. Prospective members can request an invitation by email to: secretary@monroecountyemcomm.org.

Monroe County ARES/RACES meets on the air every Thursday of the month at 7:00 PM, on the W2ARM 146.61 MHz (-) 110.9 Hz PL and 444.45 MHz (+) 110.9 Hz PL repeaters. Our club callsign is WB2EOC. On nights when we hold our regular meeting, the net is at 5:30 PM.

Web: www.monroecountyemcomm.org

Facebook: Monroe County Amateur Radio Emergency Service, Inc.

Twitter @MCARESNY

ROCHESTER DX ASSOCIATION, RDXA

Please check our website www.rdxa.com for up-to-date information regarding meeting locations and requirements, if any.



XRX AMATEUR RADIO CLUB

The XRX Amateur Radio Club meets the second Thursday of the month (except July and August). 7PM at the Webster Recreation Center. Zoom meeting info, when available, is sent out to our mailing list. How to subscribe and up-to-date information is always on our website at <http://xarc.us>. We have a System Fusion repeater south of the city on 145.290, and another on 444.825 west of the city that is also D-Star capable. Both are also analog capable with 110.9Hz tone. All are welcome.

AMATEUR RADIO ASSOCIATION OF THE SOUTHERN TIER, ARAST

ARAST meets the third Thursday of every month at the Emergency Communications Center on Harris Hill in Big Flats, next to the National Soaring Museum. Our Chemung County ARES (CCARES) organization meets the first Tuesday of the month except February at the same location. Both organizations serve amateurs in Chemung, Steuben and Schuyler counties in New York and Bradford and Tioga counties in Pennsylvania. All are welcome to attend our meetings.

NOTE: Both CCARES and ARAST monthly meetings are now being held both in person and online. Check out the Upcoming Events at our website, www.arast.info, for the latest details.

Don't forget to check out our repeaters when you visit the area. N3AQ 147.36(+) and the W2ZJ 146.70(-) are the principal 2-meter repeaters. The latter can also be accessed via Echolink node 574415 with the call sign KD2QND-R. A full list of repeaters that can be heard in the Twin Tiers area surrounding Chemung County can be found at http://www.arast.info/arast_website/public/repeaters.php.

We also invite you to check out our new 6-meter net on Wednesday evenings at 9 p.m. local time on 50.200 MHz USB. The net usually lasts approximately one hour. Operators are encouraged to check in and participate in the round table discussions or simply stop by from time to time. We would welcome participation from RARA members.

COMMUNITY AMATEUR RADIO CLUB, CARC

If you are interested in being a part of this forward thinking and active club, visit us at a meeting or join us on one of our weekly nets. We meet at the Hoag Library (134 S. Main St. Albion, NY) on the first Saturday of each month at 7PM. Each meeting has a brief training/refresher period with upcoming topics including: net protocol, repeater set-up/maintenance, and digital signaling. The club holds a net every Sunday evening at 8pm (winter) and 9PM (summer) - 0100 UTC Monday - on 147.585 simplex, and we host the Thursday Night Social Net, Thursday at 8:30PM on 147.285+. We'd love to hear you check-in!

DRUMLINS AMATEUR RADIO CLUB

The Drumlins Amateur Radio Club meets every third Wednesday of the month at 7:30 PM at the Wayne County EMO/Sheriff's Office 7376 State Hwy 31 #1000, Lyons, NY 14489. Doors open at 7 pm, meeting starts at 7:30 pm. Announcements will be made on the 146.685 repeater. The Drumlins ARC website address is <http://drumlinsarc.us/>

DIGITAL COMMUNICATIONS ASSOCIATION OF PERINTON, DCAP

DCAP members continue to experiment with leading edge digital communication modes. We were formed in 1994 to foster the development of local and regional packet radio networks using AX25 and TCP/IP. Today we have members using the club sponsored DSTAR repeater (KB2VZS on 444.8MHz), several personal and publicly accessible DSTAR hotspots, Yaesu System Fusion systems on non-club repeaters and DMR systems through repeaters and personal hotspots. DCAP members meet for breakfast at 7AM nearly every Saturday morning at Rikki's Family Restaurant in the village of Fairport and everyone is welcome to join us. Talk in is on the KB2VZS analog repeater on 146.715MHz with a PL tone of 110.9Hz.

KEUKA LAKE AMATEUR RADIO ASSOCIATION, KLARA

Joel has been working on the Simplex Challenge! Date is set for May 6, 2023 to run from noon till 4pm. Be watching for the information on our webpage and I will be posting it on here also. This year will be 2 meter and 6 meter! So exciting so please plan to join in this event!

ORLEANS COUNTY AMATEUR RADIO CLUB

The Orleans County ARC meets every 2nd Monday of the month at the Orleans County Emergency Operations Center, 14064 West County House Road, Albion, NY 14411. Doors open at 6:00PM, meeting starts at 7:30PM. Anyone with an interest in amateur radio is welcome. Program topics vary from month to month.

The club has an open two-meter net every Tuesday night at 9:00PM local time on the club repeater, WA2DQL/R (145.27 -600KHz offset, 141.3 tone). Everyone is welcome to check in.

See the club website <http://ocarc.us> or contact club Secretary Ron Craig, N5BNO for more information.

SKENOH ISLAND AMATEUR RADIO CLUB, SIARC

The Skenoh Island Amateur Radio Club meets every second Wednesday of the month at 7:30PM at the Ontario County Safety Training Facility, 2914 County Road 48, Town of Hopewell. We have License Exam Testing every other month which begins at 6:30PM. The next meeting will be April 12th, at 7:30PM. There will NOT be exam testing. The presentation will be on the 70-year history of SIARC. Dave Hunter N2EZY will be doing the presentation.

SIARC is also holding a Health and Welfare NET Monday through Friday each week at 2000 hours on the SIARC 146.820 repeater (located in Canandaigua, NY), Tone 110.9. This net is to pass along general information and keep hams in touch. All hams are invited to participate.

ROCHESTER VHF GROUP

You are invited to
join us on-line &
on-the-air! We're
here to help you to
use the license that
you worked so hard to get.



Check out what we do by visiting our
website at <http://RVHFG.org> to start.

Join our e-mail group by sending a message
to RVHFG+subscribe@groups.io.

Join our weekly on-the-air nets on SSB:
2 meter band - Monday 9 PM 144.260 USB
6 meter band - Thursday 9 PM 50.205 USB

No VHF SSB radio (yet) to join the nets?
Log-in to Echolink ka2ene-L #23426

We can help to answer the question, "What radio
should I buy?" Here's a list of HF+++ radios, those
with the HF bands and at least three VHF bands,
giving you access to all sorts of VHF fun. Research
each one to see which serves you best. Ask
questions on our email list. We're here to help!

Yaesu FT-100D	Yaesu FT-817	Yaesu FT-818
Yaesu FT-847	Yaesu FT-857	Yaesu FT-897
Icom IC-706MKIIG	Icom IC-7000	Icom IC-7100
Icom IC-9100	Kenwood TS-2000	

Some are older models and some are newer models,
but all provide access to the 6 meter, 2 meter, and
70 centimeter bands using both traditional FM and
the exciting narrow-band SSB mode that supports
unexpectedly long-distance (100's of km's routinely
and 1,000's of km occasionally) VHF communication.
These are good all-around radios no matter what
club you end up affiliating with later. We hope its us.

ROCHESTER RADIO REPEATER ASSOCIATION

Stay tuned to our web site, www.k2rra.org for any current information.

We are still looking for a club Secretary. If you wish to apply contact one of the listed club officers or show up at a regular meeting. The current club officers for March are Bob Shewell - N2HJD - President, Bob Odell - N2BZX - Vice President, and Bob Smith - NS2B-Treasurer / Membership Chairman. RRRA also accepts donations to the club. If you are not currently a member and want to support RRRA, you can join at our monthly meeting or on our web site using PayPal. www.k2rra.org

AWA Spring Meet Saturday May 13, 2023

The annual **AWA Spring Meet, Flea Market & Auction** will be held at Veteran's Park in Bloomfield, NY. This is just across the road from the AWA Museum, 6925 State Route 5, just east of the intersection of Routes 5 & 20 and Route 444. AWA will be operating a **Museum Bargain Table** and a large **Museum Book Sale** in the former AWA Annex building located in the park.

As part of the meet, AWA will hold an **Auction** of duplicate and surplus items from the Museum's artifacts. Don't miss it! This auction will be held in the afternoon in the former **AWA Annex**. Payment must be by cash or check. We will not be able to accept credit cards. Auction items will be listed on the AWA web site as they are identified. Watch for updates to the list.

<u>Time</u>	<u>COMPLETE SCHEDULE</u> <u>Event</u>
7 am – Noon	Open Flea Market, at Veteran's Park
8 am – Noon	AWA Bargain Table & Book Sale, in Annex
10 am – Noon	Antique Wireless Museum open for visitors
8 am – 1pm	Auction pre-view, at the former AWA Annex
1 pm – to end	AWA Auction

Admission for the Day is \$5
Flea Market Vendor Pass is an additional \$7

RIDE TO DAYTON NEEDED

K2JSG looking for ride to Dayton. Will share expenses: K2JSG@yahoo.com

THE AMATEUR'S CODE

Originally written by Paul M. Segal, W9EEA (1928)

THE RADIO AMATEUR IS:

CONSIDERATE	Never knowingly operating in such a way as to lessen the pleasure of others.
LOYAL	Offering loyalty, encouragement and support to other amateurs, local club, and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.
PROGRESSIVE	With knowledge abreast of science, a well built and efficient station and operation beyond reproach.
FRIENDLY	With slow and patient operation when requested, friendly advice and counsel to the beginner, kindly assistance, co-operation and consideration for the interests of others. These are the hallmarks of the amateur spirit.
BALANCED	Radio is an avocation, never interfering with duties owed to family, job, school or community.
PATRIOTIC	With station and skill always ready for service to country and community.

RARA OFFICERS, DIRECTORS AND COORDINATORS

OFFICERS

President: Scott Theis, W2LW	(845) 774-9809	president@rochesterham.org	Treasurer: Mike Moore, KC2NM	(585) 721-0011	treasurer@rochesterham.org
Vice-President: Tim Barrett, K9VB	(646)496-5015	vicepresident@rochesterham.org	Secretary: Brian O'Connor, KA2CGB	(585) 721-2346	secretary@rochesterham.org

DIRECTORS

Richard Bishopp, KD2UBJ	(585) 766-5631	rbishopp44@gmail.com	Karl Heinz Kremer, K5KHK	(585) 210-0840	k5khk@khk.net
Tim Guyot, KB1POP	(585) 406-3163	timguyot@gmail.com	Dave Wilson, WA2HOY	(585) 200-4447	davidrw@rochester.rr.com
Mike Kennerknecht, N2MAK	(585) 754-2444	maken-nerknecht@gmail.com			

ACTIVITY COORDINATORS

Club Historian	Ed Gable, K2MP	egable@rochester.rr.com	Online Meetings	Scott Theis, W2LW	sa_theis@hotmail.com
Club Station Trustee	Dave Enright, K3WHD	denright1228@gmail.com	Public Service	Mike Moore, KC2NM	publicservice@rochesterham.org
Education Coordinator	Karl Heinz Kremer, K5KHK	education@rochesterham.org	QSL MANAGER	Dave Enright, K3WHD	denright1228@gmail.com
Elmers' Corner	Richard Bishopp, KD2UBJ Suzanne Bishopp, W2SUZ	elmerscorner@education.org	Raffle Administrators	Forest Shick, WA2MZG Jeff Sonstein, WA2RRB	wa2mzg@arrl.net
Groups.io Moderators	Tim Barrett, K9VB Karl Heinz Kremer, K5KHK	tim.k9vb@gmail.com k5khk@khk.net	RARA Academy	Kevin Denton, KD2WXS	academy@rochesterham.org
Hamfest Co-Producers	Tim Guyot, KB1POP Mike Moore, KC2NM Dave Mitchell, KD2RAF	hfprouder@rochesterham.org	RARA RAG Editors	Paul Goldman, WA2TAX Mike Kennerknecht, N2MAK	editor@rochesterham.org
License Testing Coordinator	Don Kiser, AC2EV	dkiser100@gmail.com	Proof Readers	Susan Aiello, W2SBA Dave Wilson, WA2HOY Mark Pedersen, KC2UES	
Media Communications	Tim Guyot, KB1POP	timguyot@gmail.com	Refreshments	Rich Hoffarth, K2AXP	rhoffarth2000@yahoo.com
Meeting Audio	Joe DiVincenzo, AD2DB Scott Czeck, KC1GHT	joedy58@gmail.com scottczeck@gmail.com	Reward Points Administrator	Tim Barrett, K9VB	membership@rochesterham.org
Membership Secretary	Tim Barrett, K9VB	membership@rochesterham.org	Telephone Hotline	Scott Theis, W2LW	sa_theis@hotmail.com
			Webmaster	Scott Theis, W2LW	webmaster@rochesterham.org

ROCHESTER AREA RADIO CLUB CONTACTS

Amateur Radio Association of the Southern Tier (ARAST)

Reiner Dieg, N2PEZ: n2pez@arrl.net

Antique Wireless Association (AWA)

Lynn Bisha, W2BSN: lynnbisha@gmail.com

Astronomy Section Rochester Academy of Science

Mark Minarich: mminaric@rochester.rr.com

Community Amateur Radio Club (CARC)

Joe Gangi, AC2NB: ac2nb.carc@gmail.com

Digital Communications Association of Perinton (DCAP)

Gary Skuse, KA1NJL: ka1njl@arrl.net

Drumlins Amateur Radio Club Ltd. (DARC)

drumlinsarc@gmail.com

Genesee Valley Amateur Radio Assn.

Bill Boyd, N3DSP: N3DSP@lafireline.net

Keuka Lake Amateur Radio Association (KLARA)

Jim Caneen, W2JTC: jcpilot@localnet.com

Monroe County ARES / RACES

Iain Marcuson, KC2NLD: secretary@monroecountyemcomm.org

Orleans County Amateur Radio Club (OCARC)

Terry Cook, K2EYS: k2eys@ocarc.us

Rochester Amateur Radio Association (RARA)

Tim Barrett, K9VB: president@rochesterham.org

ROC City Net

Joe Merolillo, K2ZX: k2zx52@gmail.com

Rochester DX Association (RDXA)

Chris Shalvoy, K2CS: cshalvoy@att.net

Rochester Institute of Technology ARC

Jim Stefano, W2COP: wireless@mail.rit.edu

Rochester Radio Repeater Association (RRRA)

Bob Shewell, N2HJD: bshewell@frontiernet.net

Rochester VHF Group (RVHFG)

Rus Healy, K2UA: chairman@rvhfg.org

Skenoh Island Amateur Radio Club (SIARC)

Steve Benton, WB2VMR: sbenton2@rochester.rr.com

West Side Amateur Radio Club

XRX Amateur Radio Club

Brian Donovan, K2AS: k2as@outlook.com

Rochester Makerspace

David Duckles: rocmakers@gmail.com

MAY RAG DEADLINE

APRIL 15, 2023

**RARA MEETS AT 7PM ON THE FIRST
WEDNESDAY OF EACH MONTH.**

**JOIN US IN PERSON
OR
ONLINE AT:**

<https://attendee.gotowebinar.com/register/843441297068833111>

CONTACT WEBMASTER@ROCHESTERHAM.ORG FOR SUPPORT

Rochester Area Repeater Listing **THE RARA RAG**

Published by
Rochester Amateur Radio Association, Inc.
P.O. Box 93333, Rochester, NY, 14692-8333
Hotline – (585) 210- 8910
Website – <http://www.rochesterham.org>

Same Location

36th ANNUAL DRUMLINS HAMFEST

**NEW
DATE**

APRIL 22, 2023

Vendors 7am
Public 8am Till 1pm

WEBPAGE
Drumlinsarc.us

For Tables
Rich Hamill, KC2TNJ
(315)-986-8589
Email:
Hamfest@drumlinsarc.us

Contact person: Rich Hamill KC2TNJ
(315) 986-8589

Palmyra VFW Post 6778
4306 Route 31, Palmyra, NY
3 miles east of Palmyra
5 miles west of Newark

TALK-IN
146.745
PL 71.9



Electronics – **AMATEUR RADIO GEAR** – Computers

Breakfast – **GRAND PRIZE** – Door Prizes
Admission \$5.00
Indoor Tables (6 ft.) \$5.00 - Tailgaters FREE

**We're looking forward to
the April Hamfest this year!**
There are no Covid Restrictions
as of this printing Check for
changes on our webpage.

**[www.drumlinsarc.us/
hamfest.htm](http://www.drumlinsarc.us/hamfest.htm)**

Directions to the Drumlin's Hamfest:

Coming from the East or West on Interstate 90:
Take the NY Thruway to Exit 43 (Palmyra/Manchester).
Turn left after the toll on Route 21 North.
Follow Route 21 into Palmyra.
Turn Right on Route 31 East.
Follow Route 31 East 3.4 miles to the Palmyra VFW.

Coming from Rochester on Rt. 31:
Take Interstate 490 East to Exit 26 (Route 31).
Turn right at end of the exit ramp on Route 31 East.
Follow route 31 East through Macedon and Palmyra centers.
The Palmyra VFW is 3.4 miles from Palmyra center.

Coming from the East on Rt. 31:
Follow Rt 31 through Newark.
The Palmyra VFW is 5 miles west of Newark (before Palmyra center).

LOOK FOR THE ARMY TANK OUT FRONT

